Appendix A

Treasury Management Strategy 2015/16 to 2017/18

For Consideration by Cabinet 17 February 2015

1 INTRODUCTION

1.1 Background

The Council is required to operate a balanced budget, which broadly means that income to be raised during the year will meet expenditure to be made, after allowing for any changes in reserves and balances. Part of the treasury management operation is to ensure that the associated cash flow is adequately planned, with cash being available when it is needed. Surplus monies are invested in low risk counterparties or instruments commensurate with the Council's low risk appetite, providing adequate liquidity initially before considering investment return.

The second main function of the treasury management service is the funding of the Council's capital plans. These capital plans provide a guide to the borrowing need of the Council, essentially the longer term cash flow planning to ensure that the Council can meet its capital spending obligations. This management of longer term cash may involve arranging long or short term loans, or using longer term cash flow surpluses. On occasion any debt previously drawn may be restructured to meet Council risk or cost objectives.

The Chartered Institute of Public Finance and Accountancy (CIPFA) defines treasury management as:

"The management of the local authority's investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks."

1.2 Reporting requirements

The Council is required to receive and approve, as a minimum, three main reports each year, which incorporate a variety of policies, estimates and actuals.

Prudential and treasury indicators and treasury strategy (this report) - The first, and most important report covers:

- the capital plans (including prudential indicators);
- a minimum revenue provision (MRP) policy (how residual capital expenditure is charged to revenue over time);
- the treasury management strategy (how the investments and borrowings are to be organised) including treasury indicators; and
- an investment strategy (the parameters on how investments are to be managed).

A mid-year treasury management report – This will update Members with the progress of the treasury position, amending prudential indicators as necessary, and whether any policies require revision.

An annual treasury report – This provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

In addition, Members will receive high level update reports for Quarters 1 and 3.

Scrutiny
The above reports are required to be adequately scrutinised before being presented to Council. This role is undertaken by Cabinet and the Budget and Performance Panel.

1.3 Treasury Management Strategy for 2015/16

The strategy for 2015/16 covers two main areas:

Capital issues

- the capital plans and the prudential indicators;
- the minimum revenue provision (MRP) policy.

Treasury management issues

- the current treasury position;
- treasury indicators which limit the treasury risk and activities of the Council;
- prospects for interest rates;
- the borrowing strategy;
- policy on borrowing in advance of need;
- debt rescheduling;
- the investment strategy;
- creditworthiness policy; and
- policy on use of external service providers.

These elements cover the requirements of the Local Government Act 2003, the CIPFA Prudential Code, Government MRP Guidance, the CIPFA Treasury Management Code and Government Investment Guidance.

1.4 Training

The CIPFA Code requires the Chief Officer (Resources) to ensure that Members with responsibility for treasury management receive adequate asssociated training. This especially applies to Members responsibe for scrutiny. The first training session has been arranged for Members on 21 July 2015 (linked to the Budget and Performance Panel meeting) and further training will be arranged as required. The training needs of treasury management Officers are periodically reviewed.

1.5 Treasury management consultants

The Council uses Capita Asset Services, Treasury solutions as its external treasury management advisors.

The Council recognises that responsibility for treasury management decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon external service providers.
It also recognises that there is value in employing external providers of treasury management services in order to acquire access to specialist skills and resources. The Council will ensure that the terms of their appointment and the methods by which their value will be assessed are properly agreed and documented, and subjected to regular review.

2 THE CAPITAL PRUDENTIAL INDICATORS 2015/16 – 2017/18

The Council's capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members' overview and confirm capital expenditure plans.

2.1 Capital expenditure

This prudential indicator is a summary of the Council's capital expenditure plans, both those agreed previously, and those forming part of this budget cycle.

The table below provides that summary, showing how the plans are being financed by capital or revenue resources. Any shortfall of resources results in a borrowing need.

Capital expenditure	2013/14 Actual £m	2014/15 Estimate £m	2015/16 Estimate £m	2016/17 Estimate £m	2017/18 Estimate £m
Non-HRA	15.95	8.27	8.81	5.73	6.69
HRA	4.28	4.97	5.12	4.88	4.88
Total	**20.23**	**13.24**	**13.93**	**10.61**	**11.57**
Financed by:					
Capital receipts	8.25	2.13	0.68	0.42	0.42
Capital grants	3.33	2.73	2.13	2.63	2.88
Capital reserves	5.53	6.27	6.05	4.94	5.07
Revenue	0.1	0.50	0.05	0.10	0.05
Net financing need for the year	**3.02**	**1.61**	**5.03**	**2.53**	**3.16**

2.2 The Council's borrowing need (the Capital Financing Requirement)

The second prudential indicator is the Council's Capital Financing Requirement (CFR). The CFR is simply the total amount of capital expenditure (including that from prior years) that has not yet been paid for from either revenue or capital resources. It is essentially a measure of the Council's underlying need to borrow. Any capital expenditure above, which is not wholly financed in-year, will increase the CFR.

The CFR does not increase indefinitely. This is because the Minimum Revenue Provision (MRP), which is a statutory annual charge to revenue, helps offset any annual increases.

The CFR includes any other long term liabilities (e.g. finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement,

these types of scheme include a borrowing facility and so the Council is not required to separately borrow for these schemes. The Council currently has £427K of vehicle leases within the CFR.

The Council is asked to approve the following CFR projections:

	2013/14 Actual £m	2014/15 Estimate £m	2015/16 Estimate £m	2016/17 Estimate £m	2017/18 Estimate £m
Capital Financing Requirement					
CFR – non housing	33.98	34.02	37.25	37.74	38.68
CFR – housing	44.47	43.43	42.39	41.35	40.31
Total CFR	**78.45**	**77.45**	**79.64**	**79.09**	**78.98**
Movement in CFR	**(0.88)**	**(0.99)**	**2.19**	**(0.55)**	**(0.11)**

Movement in CFR represented by					
Net financing need for the year (above)	3.02	1.61	5.03	2.53	3.16
Less MRP/VRP and other financing movements	(3.90)	(2.60)	(2.84)	(3.08)	(3.27)
Movement in CFR	**(0.88)**	**(0.99)**	**2.19**	**(0.55)**	**(0.11)**

2.3 Minimum revenue provision (MRP) policy statement

The Council is required to 'pay off' an element of the accumulated General Fund CFR each year through a revenue charge (the minimum revenue provision - MRP), and it is also allowed to undertake additional voluntary payments if required (voluntary revenue provision - VRP).

Government Regulations require Council to approve **an MRP Statement** in advance of each year. A variety of options are provided to councils, so long as there is a prudent provision being made. In approving this Strategy, Council approves the following MRP Statement*:*

For capital expenditure incurred after 01 April 2008, MRP will be based on:

- **Asset life method** – MRP will be based on the estimated life of the each asset created as a result of the related capital expenditure, in accordance with the Regulations (this option must also be applied for any expenditure capitalised under a Capitalisation Direction).

This option provides for a reduction in the borrowing need over the approximate life of the asset concerned.

For capital expenditure incurred before 01 April 2008, MRP was generally based on a 4% charge on revenue except for vehicles, which had MRP calculated using an asset life basis.

There is no requirement on the HRA to make a minimum revenue provision but there is a requirement for a charge for depreciation to be made (although there are transitional arrangements in place).

Repayments included in annual finance leases are applied as MRP.

2.4 Core funds and expected investment balances

The application of resources (capital receipts, reserves etc.) to either finance capital expenditure or other budget decisions to support the revenue budget will

have an ongoing impact on investments, unless resources are supplemented each year from new sources (e.g. asset sales). The following table provides estimates of the year end balances for each resource and anticipated day to day cash flow balances. These could vary hugely, however, for example as a result of any successful rating appeals.

Year End Resources	2013/14 Actual £m	2014/15 Estimate £m	2015/16 Estimate £m	2016/17 Estimate £m	2017/18 Estimate £m
Fund balances / reserves	23.40	22.45	23.70	23.94	24.13
Capital receipts	0.00	0.00	0.00	0.00	0.00
Provisions	2.05	1.96	1.96	1.96	1.96
Other					
Total core funds	**25.45**	**24.41**	**25.66**	**25.90**	**26.09**
Working capital*	6.41	6.41	6.41	6.41	6.41
Under/over borrowing	(9.65)	(9.88)	(13.23)	(13.84)	(14.78)
Expected investments	**22.21**	**20.94**	**18.85**	**18.47**	**17.73**

*Working capital balances shown are estimated year end; these may be higher mid-year

2.5 Affordability prudential indicators

The previous sections cover the overall capital and control of borrowing prudential indicators, but within this framework prudential indicators are required to assess the affordability of the capital investment plans. These provide an indication of the impact of the capital investment plans on the Council's overall finances. The Council is asked to approve the following indicators:

2.6 Ratio of financing costs to net revenue stream

This indicator identifies the trend in the cost of capital (borrowing and other long term obligation costs net of investment income) against the net revenue stream.

	2013/14 Actual	2014/15 Estimate	2015/16 Estimate	2016/17 Estimate	2017/18 Estimate
Non-HRA	64%	15%	17%	17%	18%
HRA	23%	23%	22%	21%	20%

The estimates of financing costs include current commitments and the proposals in this budget report.

2.7 Incremental impact of capital investment decisions on council tax

This indicator identifies the revenue costs associated with proposed changes to the five year capital programme recommended in this budget report compared to the Council's existing approved commitments and current plans. The assumptions are based on the budget, but will invariably include some estimates, such as the level of Government support, which are not published over a three year period.

Incremental impact of capital investment decisions on the band D council tax

	2013/14 Actual	2014/15 Estimate	2015/16 Estimate	2016/17 Estimate	2017/18 Estimate
Council tax -	(9.36)%	(4.87)%	(13.43)%	3.36%	1.47%

band D					

2.8 Estimates of the incremental impact of capital investment decisions on housing rent levels

Similar to the council tax calculation, this indicator identifies the trend in the cost of proposed changes in the housing capital programme recommended in this budget report compared to the Council's existing commitments and current plans, expressed as a discrete impact on weekly rent levels.

Incremental impact of capital investment decisions on housing rent levels

	2013/14 Actual	2014/15 Estimate	2015/16 Estimate	2016/17 Estimate	2017/18 Estimate
Weekly housing rent levels	£(3.45)	£(1.88)	£(5.34)	£1.38	£0.63

3 BORROWING

The capital expenditure plans set out in Section 2 provide details of the service activity of the Council. The treasury management function ensures that the Council's cash is organised in accordance with the the relevant professional codes, so that sufficient cash is available to meet this service activity. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of approporiate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions and the annual investment strategy.

3.1 Current portfolio position

The Council's treasury portfolio position at 31 March 2014 and forward projections are summarised below. The table shows the actual external debt (the treasury management operations), against the underlying capital borrowing need (the Capital Financing Requirement - CFR), highlighting any over or under borrowing.

	2013/14 Actual £m	2014/15 Estimate £m	2015/16 Estimate £m	2016/17 Estimate £m	2017/18 Estimate £m
External Debt					
Debt at 1 April	69.41	68.37	67.33	66.29	65.24
Expected change in Debt	(1.04)	(1.04)	(1.04)	(1.04)	(1.04)
Other long-term liabilities (OLTL)	5.67	0.43	0.24	0.13	0.04
Expected change in OLTL	(5.25)	(0.19)	(0.11)	(0.13)	(0.04)
Actual gross debt at 31 March	**68.80**	**67.57**	**66.42**	**65.25**	**64.20**
The Capital Financing	**78.45**	**77.45**	**79.64**	**79.09**	**78.98**

Requirement					
Under / (over) borrowing	**9.65**	**9.88**	**13.22**	**13.84**	**14.78**

There are a number of key indicators to ensure that the Council operates its activities within well defined limits. One of these is that the Council needs to ensure that its gross debt does not, except in the short term, exceed the total of the CFR in the preceding year plus the estimates of any additional CFR for 2014/15 and the following two financial years. This allows some flexibility for limited early borrowing for future years, but ensures that borrowing is not undertaken for revenue purposes.

The Chief Officer (Resources) reports that the Council complied with this prudential indicator in the current year and does not envisage difficulties for the future. This view takes into account current commitments, existing plans, and the proposals in the budget report.

3.2 Treasury Indicators: limits to borrowing activity

The operational boundary. This is the limit beyond which external debt is not normally expected to exceed. In most cases, this would be a similar figure to the CFR, but may be lower or higher depending on the levels of actual debt.

Operational boundary	2014/15 Estimate £m	2015/16 Estimate £m	2016/17 Estimate £m	2017/18 Estimate £m
Debt	76.99	86.89	86.43	86.36
Other long term liabilities	0.24	0.13	0.04	0.00
Total	77.23	87.02	86.47	86.36

The authorised limit for external debt. A further key prudential indicator represents a control on the maximum level of borrowing. This represents a limit beyond which external debt is prohibited, and this limit needs to be set or revised by the full Council. It reflects the level of external debt which, while not desired, could be afforded in the short term, but is not sustainable in the longer term.

1. This is the statutory limit determined under section 3 (1) of the Local Government Act 2003. The Government retains an option to control either the total of all councils' plans, or those of a specific council, although this power has not yet been exercised.
2. The Council is asked to approve the following authorised limit:

Authorised limit	2014/15 Estimate £m	2015/16 Estimate £m	2016/17 Estimate £m	2017/18 Estimate £m
Debt	93.00	103.00	102.00	102.00
Other long term liabilities	1.00	1.00	1.00	1.00
Total	94.00	104.00	103.00	103.00

3.3 Prospects for interest rates

The Council has appointed Capita Asset Services as its treasury advisor and part of their service is to assist the Council to formulate a view on interest rates. The following table gives the central view *(January 2015).*

Annual Average %	Bank Rate %	PWLB Borrowing Rates % (including certainty rate adjustment)		
		5 year	25 year	50 year
Mar 2015	0.50	2.20	3.40	3.40
Jun 2015	0.50	2.20	3.50	3.50
Sep 2015	0.50	2.30	3.70	3.70
Dec 2015	0.75	2.50	3.80	3.80
Mar 2016	0.75	2.60	4.00	4.00
Jun 2016	1.00	2.80	4.20	4.20
Sep 2016	1.00	2.90	4.30	4.30
Dec 2016	1.25	3.00	4.40	4.40
Mar 2017	1.25	3.20	4.50	4.50
Jun 2017	1.50	3.30	4.60	4.60
Sep 2017	1.75	3.40	4.70	4.70
Dec 2017	1.75	3.50	4.70	4.70
Mar 2018	2.00	3.60	4.80	4.80

UK GDP growth surged during 2013 and the first half of 2014. Since then it appears to have subsided somewhat but still remains strong by UK standards and is expected to continue likewise into 2015 and 2016. There needs to be a significant rebalancing of the economy away from consumer spending to manufacturing, business investment and exporting in order for this recovery to become more firmly established. One drag on the economy has been that wage inflation has only recently started to exceed CPI inflation, so enabling disposable income and living standards to start improving. The plunge in the price of oil brought CPI inflation down to a low of 1.0% in November, the lowest rate since September 2002. Inflation is expected to stay around or below 1.0% for the best part of a year; this will help improve consumer disposable income and so underpin economic growth during 2015. However, labour productivity needs to improve substantially to enable wage rates to increase and further support consumer disposable income and economic growth. In addition, the encouraging rate at which unemployment has been falling must eventually feed through into pressure for wage increases, though current views on the amount of hidden slack in the labour market probably means that this is unlikely to happen early in 2015.

The US, the biggest world economy, has generated stunning growth rates of 4.6% (annualised) in Q2 2014 and 5.0% in Q3. This is hugely promising for the outlook for strong growth going forwards and it very much looks as if the US is now firmly on the path of full recovery from the financial crisis of 2008. Consequently, it is now confidently expected that the US will be the first major western economy to start on central rate increases by mid 2015.

The current economic outlook and structure of market interest rates and government debt yields have several key treasury management implications:

- Greece: the general election on 25 January 2015 brought a government to power which is anti EU and anti austerity. However, if this eventually

results in Greece leaving the Euro, it is unlikely that this will directly destabilise the Eurozone as the EU has put in place adequate firewalls to contain the immediate fallout to just Greece. However, the indirect effects of the likely strenthening of anti EU and anti austerity political parties throughout the EU is much more difficult to quantify.

- As for the Eurozone in general, concerns in respect of a major crisis subsided considerably in 2013. However, the downturn in growth and inflation during the second half of 2014, and worries over the Ukraine situation, Middle East and Ebola, have led to a resurgence of those concerns as risks increase that it could be heading into deflation and prolonged very weak growth. Sovereign debt difficulties have not gone away and major concerns could return in respect of individual countries that do not dynamically address fundamental issues of low growth, international uncompetitiveness and the need for overdue reforms of the economy (as Ireland has done). It is, therefore, possible over the next few years that levels of government debt to GDP ratios could continue to rise to levels that could result in a loss of investor confidence in the financial viability of such countries. Counterparty risks therefore remain elevated. This continues to suggest the use of higher quality counterparties for shorter time periods.

- Investment returns are likely to remain relatively low during 2015/16 and beyond.

- Borrowing interest rates have been volatile during 2014 as alternating bouts of good and bad news have promoted optimism, and then pessimism, in financial markets. The closing weeks of 2014 saw gilt yields dip to historically remarkably low levels after inflation plunged, a flight to quality from equities (especially in the oil sector), and from the debt and equities of oil producing emerging market countries, and an increase in the likelihood that the ECB will commence quantitative easing (purchase of EZ government debt) in early 2015. The policy of avoiding new borrowing by running down spare cash balances has served well over the last few years. However, this needs to be carefully reviewed to avoid incurring higher borrowing costs in later times, when authorities will not be able to avoid new borrowing to finance new capital expenditure and/or to refinance maturing debt.

- There will remain a cost of carry to any new borrowing which causes an increase in investments as this will incur a revenue loss between borrowing costs and investment returns.

3.4 Borrowing strategy

The Chief Officer (Resources), under delegated powers, will take the most appropriate form of borrowing depending on the prevailing interest rates at the time, if need be, taking into account the risks shown in the forecast above. It is likely that shorter term fixed rates may provide lower cost opportunities in the short term.

Borrowing will only be taken on once a liability has been established although the timing of the borrowing may precede the point at which the liability actually falls due for payment. This would only be done to secure a preferential position for the Council, for example to benefit from lower interest rates.

With the likelihood of rates increasing, any debt restructuring is likely to focus on switching from longer term fixed rates to cheaper shorter term debt, although the Chief Officer (Resources) and treasury consultants will monitor prevailing rates for any opportunities during the year. The benefit of this will be balanced against the risks attached to the more frequent refinancing that would be required.

The option of postponing borrowing and running down investment balances will also continue to be considered. This has the added benefit of further reducing counterparty risk and could continue help the revenue budget, with the cost of loans currently far outweighing the return on investments.

Treasury management limits on activity

There are three debt related treasury activity limits. The purpose of these are to restrain the activity of the treasury function within certain limits, thereby managing risk and reducing the impact of any adverse movement in interest rates. However, if these are set to be too restrictive they will impair the opportunities to reduce costs / improve performance. The indicators are:

- Upper limits on variable interest rate exposure. This identifies a maximum limit for variable interest rates based upon the debt position net of investments
- Upper limits on fixed interest rate exposure. This is similar to the previous indicator and covers a maximum limit on fixed interest rates;
- Maturity structure of borrowing. These gross limits are set to reduce the Council's exposure to large fixed rate sums falling due for refinancing, and are required for upper and lower limits.

The Council is asked to approve the following treasury indicators and limits:

	2015/16	**2016/17**	**2017/18**
Interest rate exposures			
	Upper	**Upper**	**Upper**
Limits on fixed interest rates based on net debt	100%	100%	100%
Limits on variable interest rates based on net debt	30%	30%	30%

Maturity structure of fixed interest rate borrowing 2015/16	
Under 12 months	2%
12 months and within 24 months	2%
24 months and within 5 years	3%
5 years and within 10 years	8%
10 years and within 15 years	8%
15 years and within 25 years	15%
25 years and within 50 years	63%

3.5 Policy on borrowing in advance of need

The Council will not borrow more than or in advance of its needs purely in order to profit from the investment of the extra sums borrowed. Any decision to borrow in advance will be within forward approved Capital Financing Requirement estimates,

allowing for authorised increases, and will be considered carefully to ensure that value for money can be demonstrated and that the Council can ensure the security of such funds.

3.6 Debt rescheduling

As short term borrowing rates will be considerably cheaper than longer term fixed interest rates, there may be potential opportunities to generate savings by switching from long term debt to short term debt. However, these savings will need to be considered in the light of the current treasury position and the size of the cost of debt repayment (premiums incurred).

The reasons for any rescheduling to take place will include:

* the generation of cash savings and / or discounted cash flow savings;
* helping to fulfil the treasury strategy;
* enhance the balance of the portfolio (amend the maturity profile and / or the balance of volatility).

Consideration will also be given to identify if there is any residual potential for making savings by running down investment balances to repay debt prematurely as short term rates on investments are likely to be lower than rates paid on current debt.

All rescheduling will be reported to Cabinet at the earliest meeting following any action.

4 ANNUAL INVESTMENT STRATEGY

4.1 Introduction: changes to credit rating methodology

The main rating agencies (Fitch, Moody's and Standard & Poor's) have, through much of the financial crisis, provided some institutions with a ratings "uplift" due to implied levels of sovereign support. More recently, in response to the evolving regulatory regime, the agencies have indicated they may remove these "uplifts". This process may commence during 2014/15 or 2015/16. The actual timing of the changes is still subject to discussion, but this does mean immediate changes to the credit methodology are required.

It is important to stress that the rating agency changes do not reflect any changes in the underlying status of the institution or credit environment, merely the implied level of sovereign support that has been built into ratings through the financial crisis. The eventual removal of implied sovereign support will only take place when the regulatory and economic environments have ensured that financial institutions are much stronger and less prone to failure in a financial crisis.

Both Fitch and Moody's provide "standalone" credit ratings for financial institutions. For Fitch, it is the Viability Rating, while Moody's has the Financial Strength Rating. Due to the future removal of sovereign support from institution assessments, both agencies have suggested going forward that these will be in line with their respective Long Term ratings. As such, there is no point monitoring both Long Term and these "standalone" ratings.

Furthermore, Fitch has already begun assessing its support ratings, with a clear expectation that these will be lowered to 5, which is defined as "A bank for which there is a possibility of external support, but it cannot be relied upon." With all institutions

likely to drop to these levels, there is little to no differentiation to be had by assessing Support ratings.

4.2 Investment policy

The Council's investment policy has regard to Central Government's Guidance on Local Government Investments ("the Guidance") and the revised CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes ("the CIPFA TM Code"). The Council's investment priorities will be security first, liquidity second, then return.

In accordance with the above guidance, and in order to minimise the risk to investments, the Council applies minimum acceptable credit criteria in order to generate a list of highly creditworthy counterparties that also enables diversification and thus avoidance of concentration risk.

Continuing regulatory changes in the banking sector are designed to see greater stability, lower risk and the removal of expectations of Government financial support should an institution fail. This withdrawal of implied sovereign support is anticipated to have an effect on ratings applied to institutions. In future therefore, the key ratings to be used to monitor counterparties will be Short Term and Long Term ratings only. Viability, Financial Strength and Support Ratings previously applied will effectively become redundant. This change does not reflect deterioration in the credit environment but rather a change of method in response to regulatory changes.

As with previous practice, ratings will not be the sole determinant of the quality of an institution and that it is important to continually assess and monitor the financial sector on both a micro and macro basis and in relation to the economic and political environments in which institutions operate. The assessment will also take account of information that reflects the opinion of the markets. To this end the Council will engage with its advisors to maintain a monitor on market pricing such as "credit default swaps" (CDS) and overlay that information on top of the credit ratings.

Other information sources used will include the financial press, share price and other such information pertaining to the banking sector in order to establish the most robust scrutiny process on the suitability of potential investment counterparties.

Investment instruments identified for use in the financial year are listed in appendix 5.3 under the 'specified' and 'non-specified' investments categories. Counterparty limits will be as set through the Council's treasury management practices.

4.3 Creditworthiness policy

This Council applies the creditworthiness service provided by Capita Asset Services. This service employs a sophisticated modelling approach utilising credit ratings from the three main credit rating agencies - Fitch, Moody's and Standard and Poor's. The credit ratings of counterparties are supplemented with the following overlays:

- credit watches and credit outlooks from credit rating agencies;
- CDS spreads to give early warning of likely changes in credit ratings;
- sovereign ratings to select counterparties from only the most creditworthy countries.

This modelling approach combines credit ratings, credit watches and credit outlooks in a weighted scoring system which is then combined with an overlay of CDS spreads for which the end product is a series of colour coded bands which indicate the relative creditworthiness of counterparties. These colour codes are used by the Council to determine the suggested duration for investments. The Council will therefore use counterparties within the following durational bands:

- **Yellow** 1 years
- **Dark pink** 1 years for Enhanced money market funds (EMMFs) with a credit score of 1.25
- **Light pink** 1 years for Enhanced money market funds (EMMFs) with a credit score of 1.5
- **Purple** 1 year
- **Blue** 1 year (only applies to nationalised or semi nationalised UK Banks)
- **Orange** 1 year
- **Red** 6 months
- **Green** 100 days
- **No colour** not to be used

Y	Pi1	Pi2	P	B	O	R	G	N/C
1	1.25	1.5	2	3	4	5	6	7
Up to 5yrs	Up to 5yrs	Up to 5yrs	Up to 2yrs	Up to 1yr	Up to 1yr	Up to 6mths	Up to 100days	No Colour

	Colour (and long term rating where applicable)	Money Limit	Time Limit
Banks /UK Govt. backed instruments*	**yellow**	**£12m**	**1 yr**
Banks	**purple**	**£6m**	**1 yr**
Banks	**orange**	**£3m**	**1 yr**
Banks – part nationalised	**blue**	**£10m**	**1 yr**
Banks	**red**	**£2m**	**6 mths**
Banks	**green**	**£1m**	**100 days**
Banks	**No colour**	**Not to be used**	
Limit 3 category – Council's banker (for non-specified investments)	**n/a**	**£500K**	**1 day**
DMADF	**AAA**	**unlimited**	**6 months**
Local authorities	**n/a**	**£12m**	**1 yr**
	Fund rating	**Money and/or % Limit**	**Time Limit**
Money market funds	**AAA**	**£6m**	**liquid**
Enhanced money market funds with a credit score of 1.25	**Dark pink / AAA**	**£6m**	**liquid**

Enhanced money market funds with a credit score of 1.5	**Light pink / AAA**	**£6m**	**liquid**

** the yellow colour category is for UK Government debt, or its equivalent, collateralised deposits where the collateral is UK Government debt –see Annex A2.*

The creditworthiness service uses a wider array of information than just primary ratings and by using a risk weighted scoring system, does not give undue preponderance to just one agency's ratings.

Typically the minimum credit ratings criteria (built in) that the Council use will be a Short Term rating (Fitch or equivalents) of F1 and a Long Term rating of A-. There may be occasions when the counterparty ratings from one rating agency are marginally lower than these ratings but may still be used. In these instances consideration will be given to the whole range of ratings available, or other topical market information, to support their use.

All credit ratings will be monitored daily. The Council is alerted to changes to ratings of all three agencies through its use of the creditworthiness service.

- If a downgrade results in the counterparty / investment scheme no longer meeting the Council's minimum criteria, its further use as a new investment will be withdrawn immediately.

- In addition to the use of credit ratings the Council will be advised of information in movements in credit default swap spreads against the iTraxx benchmark and other market data on a weekly basis. Extreme market movements may result in downgrade of an institution or removal from the Council's lending list.

Sole reliance will not be placed on the use of this external service. In addition this Council will also use to some extent market data and market information, information on sovereign support for banks and the credit ratings of that supporting government.

4.4 Country limits

The Council has determined that it will only use approved counterparties from countries with a minimum sovereign credit rating of *AAA* **(Fitch)** or equivalent from each of the credit rating agencies. The list of countries that qualify using this credit criteria as at the date of this report are shown in Appendix 5.5. This list will be added to, or deducted from, by Officers should ratings change in accordance with this policy.

4.4 Investment strategy

In-house funds. Investments will be made with reference to the core balance and cash flow requirements and the outlook for short-term interest rates (i.e. rates for investments up to 12 months).

Investment returns expectations. Bank Rate is forecast to remain unchanged at 0.5% before starting to rise from quarter 4 of 2015. Bank Rate forecasts for financial year ends (March) are:

- 2015/16 0.75%
- 2016/17 1.25%

- 2017/18 2.00%

There are downside risks to these forecasts (i.e. start of increases in Bank Rate occurs later) if economic growth weakens. However, should the pace of growth quicken, there could be an upside risk.

Investment treasury indicator and limit - total principal funds invested for greater than 364 days. These limits are set with regard to the Council's liquidity requirements and to reduce the need for early sale of an investment, and are based on the availability of funds after each year-end.

The Council is asked to approve the treasury indicator and limit: -

Maximum principal sums invested > 364 days			
	2015/16	**2016/17**	**2017/18**
Principal sums invested > 364 days	Nil	Nil	Nil

4.5 Icelandic bank investments

Officers will continue to report on any outstanding claim balances (Glitnir escrow account, and KSF). Alternative methods for recuperating any outstanding claims, such as a sale of claim to a third party, will be considered and as required.

4.7 End of year investment report

At the end of the financial year, the Council will report on its investment activity as part of its Annual Treasury Report.

ANNEX A1

Treasury Management Glossary of Terms

- **Annuity** – method of repaying a loan where the payment amount remains uniform throughout the life of the loan, therefore the split varies such that the proportion of the payment relating to the principal increases as the amount of interest decreases.

- **CIPFA** – the Chartered Institute of Public Finance and Accountancy, is the professional body for accountants working in Local Government and other public sector organisations, also the standard setting organisation for Local Government Finance.

- **Call account** – instant access deposit account.

- **Counterparty** – an institution (e.g. a bank) with whom a borrowing or investment transaction is made.

- **Credit Rating** – is an opinion on the credit-worthiness of an institution, based on judgements about the future status of that institution. It is based on any information available regarding the institution: published results, Shareholders' reports, reports from trading partners, and also an analysis of the environment in which the institution operates (e.g. its home economy, and its market sector). The main rating agencies are Fitch, Standard and Poor's, and Moody's. They currently analyse credit worthiness under four headings (but see changes referred to in the strategy):

    - **Short Term Rating** – the perceived ability of the organisation to meet its obligations in the short term, this will be based on measures of liquidity.

    - **Long Term Rating** – the ability of the organisation to repay its debts in the long term, based on opinions regarding future stability, e.g. its exposure to 'risky' markets.

    - **Individual/Financial Strength Rating** – a measure of an institution's soundness on a stand-alone basis based on its structure, past performance and credit profile.

    - **Legal Support Rating** – a view of the likelihood, in the case of a financial institution failing, that its obligations would be met, in whole or part, by its shareholders, central bank, or national government.

  The rating agencies constantly monitor information received regarding financial institutions, and will amend the credit ratings assigned as necessary.

- **DMADF and the DMO –** The DMADF is the 'Debt Management Account Deposit Facility'; this is highly secure fixed term deposit account with the Debt Management Office (DMO), part of Her Majesty's Treasury.

- **EIP –** Equal Instalments of Principal, a type of loan where each payment includes an equal amount in respect of loan principal, therefore the interest due with each payment reduces as the principal is eroded, and so the total amount reduces with each instalment.

- **Gilts** – the name given to bonds issued by the U K Government. Gilts are issued bearing interest at a specified rate, however they are then traded on the markets like shares and their value rises or falls accordingly. The Yield on a gilt is the interest paid divided by the Market Value of that gilt.
  E.g. a 30 year gilt is issued in 1994 at £1, bearing interest of 8%. In 1999 the market value of the gilt is £1.45. The yield on that gilt is calculated as 8%/1.45 = 5.5%.
  See also PWLB.

- **LIBID** – The London Inter-Bank Bid Rate, the rate which banks would have to bid to borrow funds from other banks for a given period. The official rate is published by the Bank of England at 11am each day based on trades up to that time.

- **LIBOR** – The London Inter-Bank Offer Rate, the rate at which banks with surplus funds are offering to lend them to other banks, again published at 11am each day.

- **Liquidity** – Relates to the amount of readily available or short term investment money which can be used for either day to day or unforeseen expenses. For example Call Accounts allow instant daily access to invested funds.

- **Maturity** – Type of loan where only payments of interest are made during the life of the loan, with the total amount of principal falling due at the end of the loan period.

- **Money Market Fund (MMF)** – Type of investment where the Council purchases a share of a cash fund that makes short term deposits with a broad range of high quality counterparties. These are highly regulated in terms of average length of deposit and counterparty quality, to ensure AAA rated status.

- **Policy and Strategy Documents** – documents required by the CIPFA Code of Practice on Treasury Management in Local Authorities. These set out the framework for treasury management operations during the year.

- **Public Works Loans Board (PWLB)** – a central government agency providing long and short term loans to Local Authorities. Rates are set daily at a margin over the Gilt yield (see Gilts above). Loans may be taken at fixed or variable rates and as Annuity, Maturity, or EIP loans (see separate definitions) over periods of up to fifty years. Financing is also available from the money markets, however because of its nature the PWLB is generally able to offer better terms.

- **Capita Asset Services** – Capita Asset Services are the City Council's Treasury Management advisors. They provide advice on borrowing strategy, investment strategy, and vetting of investment counterparties, in addition to ad hoc guidance throughout the year.

- **Yield** – see Gilts

Members may also wish to make reference to *The Councillor's Guide to Local Government Finance.*

ANNEX A2

A variety of investment instruments will be used, subject to the credit quality of the institution, and depending on the type of investment made it will fall into one of the above categories.

The criteria, time limits and monetary limits applying to institutions or investment vehicles are:

	Minimum credit criteria / colour band	Max % of counterparty limit - *Specified	Max % of counterparty limit – **Non - Specified	Max. maturity period
DMADF – UK Government	N/A	**100%**	**N/A**	**6 months**
UK Government gilts	UK sovereign rating	100%	10%	1 year
UK Government Treasury blls	UK sovereign rating	100%	10%	1 year
Bonds issued by multilateral development banks	AAA (or state your criteria if different)	10%	10%	6 months
Money market funds	AAA	100%	**N/A**	Liquid
Enhanced money market funds with a credit score of 1.25	AAA	100%	**N/A**	Liquid
Enhanced money market funds with a credit score of 1.5	AAA	100%	**N/A**	Liquid
Local authorities	N/A	100%	**N/A**	1 year
Term deposits with banks and building societies	Yellow Purple Blue Orange Red Green No Colour	100% 100% 100% 100% 100% 100% 0%	10% 10% 10% 10% 10% 10% 0%	Up to 1 year Up to 1 year Up to 1 year Up to 1 year Up to 6 Months Up to 100 days Not for use
CDs or corporate bonds with banks and building societies	Yellow Purple Blue Orange Red Green No Colour	100% 100% 100% 100% 100% 100% 0%	10% 10% 10% 10% 10% 10% 0%	Up to 1 year Up to 1 year Up to 1 year Up to 1 year Up to 6 Months Up to 100 days Not for use

***SPECIFIED INVESTMENTS:** All such investments will be sterling denominated, with **maturities up to maximum of 1 year**, meeting the minimum 'high' quality criteria where applicable.

****NON-SPECIFIED INVESTMENTS**: These are any investments which do not meet the specified investment criteria. A maximum of 10% ** will be held in aggregate in non-specified investment

ANNEX A3

Definitions of Specified and Non Specified Investments

See the detailed Investment Strategy included in ***Appendix A***, for the limits to be applied.

1. Specified Investments are defined as follows.

SPECIFIED INVESTMENTS
These are to be sterling investments of a maturity period of not more than 364 days, or those which could be for a longer period but where the Council has the right to be repaid within 364 days if it wishes. These are low risk assets where the possibility of loss of principal or investment income is considered negligible. These include investments with:

(i) The UK Government (such as the Debt Management Office, UK Treasury Bills or a Gilt with less than one year to maturity).

(ii) Supranational bonds of less than one year's duration.

(iii) A local authority, parish council or community council.

(iv) An investment scheme that has been awarded a high credit rating by a credit rating agency.

(v) A body with high credit quality (such as a bank or building society).

For category (iv) this covers a money market fund AAA rated by Standard and Poor's, Moody's or Fitch rating agencies.

2. Non-specified Investments are defined as follows:

   Non-specified investments are any other type of investment (i.e. not defined as Specified above). The identification and rationale supporting the selection of these other investments are set out below. Non specified investments not explicitly referred to below are excluded.

Ref	Non Specified Investment Category	*Limit*
(i)	An investment with a non-UK bank, for a term of less than 1 year and in a product which falls within one of the criteria stated with the table in Annex A2	Annex A2
(ii)	The Council's own banker if it fails to meet the credit criteria attached to other bandings.	Included as per section 4.3

ANNEX B

Background information on credit ratings

Credit ratings are an important part of the Authority's investment strategy. The information below summarises some of the key features of credit ratings and why they are important.

What is a Credit Rating?
A credit rating is:

- An independent assessment of an organisation;
- It gauges the likelihood of getting money back on the terms it was invested;
- It is a statement of opinion, not statement of fact;
- They help to measure the risk associated with investing with a counterparty;

Who Provides / Uses Credit Ratings?
There are three main ratings agencies, all of which are used in the Authority's treasury strategy.

- Fitch
- Moody's Investor Services
- Standard & Poors

The ratings supplied by these agencies are used by a broad range of institutions to help with investment decisions, these include:

- Local Authorities;
- Other non-financial institutional investors;
- Financial institutions;
- Regulators;
- Central Banks;

Rating Criteria
There are many different types of rating supplied by the agencies. The key ones used by the Authority are ratings to indicate the likelihood of getting money back on terms invested. These can be split into two main categories:

- 'Short Term' ratings for time horizons of 12 months or less. These may be considered as the most important for local authorities.

- 'Long Term' ratings for time horizons of over 12 months. These may be considered as less important in the current climate.

In addition, the agencies issue sovereign, individual and support ratings which will also feed into the investment strategy.

Rating Scales (Fitch, Moody's and Standard & Poors)
The table below shows how some of the higher graded short and long term ratings compare across the agencies; the top line represents the highest grade possible. (There are other ratings that go much lower than those shown below, and ratings for other elements).

Short Term			**Long Term**		
Fitch	Moody's	S&P	Fitch	Moody's	S&P
F1+	P-1	A-1+	AAA	Aaa	AAA
F1	P-1	A-1	AA	Aa2	AA
F2	P-2	A-2	A	A2	A